

3840 HARDNESS TESTER

MICRO VICKERS HARDNESS TESTER

Starrett®

METROLOGY SOLUTIONS

The 3840 Micro Vickers Hardness Testers are precise testing systems suitable for hardness analysis of metallic specimens in metallography laboratories or production environments. These Micro Vickers Hardness Testers are versatile and user-friendly systems, designed for the accurate hardness testing of small precision parts, thin materials, coatings, wires and case depth determinations.

FEATURES

- Includes video cam, adapter, and USB output cable
- High speed test cycle
- Choice of 2-variants of measurement software
- Load range from 10g to 1kg
- Conforms to ASTM E-384/92
- USB Data output



3840

Accessories Included

Base Machine
X-Y Stage w/ Micrometer
Mini Thin Part Holding Fixture
Mini Drill Chuck Fixture
Mini Vise Fixture
Video Cam w/adapter
Measurement Software
USB Cable

Vickers Hardness Tester

Cat. No.	EDP	Description
3840A	02051	Vickers Hardness Tester w/ Manual Measurement Software
3840B	02052	Vickers Hardness Tester w/ Auto Measurement Software

Specifications

Testing Range	1HV-2967HV
Test Force	0.098N(10g), 0.246N(25g), 0.49N(50g), 0.98N(100g), 1.96N(200g), 4.90N(500g), 9.80N(1000g)
Max Height of Specimen	2.8" (70mm)
Max Distance from the Indenter Center to Instrument Panel	3.7" (95mm)
Lens/Indenters with	Hard Target
Carriage Control	Automatic (loading/holding-up of the load/unloading)
Amplification of the Microscope	100x, 400x
Dwell Time	(5-60)S
Min. Graduation Value of the Testing Drum Wheel	0.25um
Dimension of the XY Table	100 x 100mm
Movement Field of the XY Table	25 x 25mm
Light Source/Power Supply	110/220v, 60/50Hz - Cold Light Source
Weight (Net/Shipping)	80lbs / 155lbs
Dimensions	17 x 10 x 20" (430mm x 254mm x 510mm)